

IN THE CLAIMS

1. (currently amended) A low profile electrical connector comprising:

a shroud comprising opposed side walls configured to retain a plurality of contact pins,
said side walls having opposed end edges; and

~~a skirt extending from an end of said side walls of said shroud joined to and extending~~
from one of said opposed end edges, said skirt comprising a surface facing said shroud and a latch
member extending from said surface away from said one end edge; and

keying flanges extending from said side walls at a location spaced from said skirt.

2. (currently amended) An electrical connector in accordance with claim 1 wherein ~~each~~
~~of said side walls comprise a~~ at least one of said keying flanges includes an upstream side, a
downstream side, and a tapered top surface extending between the upstream side and the
downstream side, said tapered surface being inclined relative to said skirt to define a decreasing
space between said skirt and said tapered surface along a length of said keying flanges, said length
extending parallel to a longitudinal axis of said shroud.

3. (original) An electrical connector in accordance with claim 1 wherein each of said
opposed side walls comprise a plurality of keying flanges, one of said opposed side walls having a
greater number of keying flanges than the other.

4. (original) An electrical connector in accordance with claim 1 wherein said shroud
comprises a longitudinal axis and a lateral axis, said skirt extending outward from said shroud in a
direction of each of said longitudinal axis and said lateral axis.

5. (original) An electrical connector in accordance with claim 1 wherein said shroud
extends along a longitudinal axis, said latch member aligned on said skirt with said longitudinal
axis.

6. (currently amended) An electrical connector in accordance with claim 1 wherein said
~~skirt extends outwardly from said shroud in a direction substantially parallel to keying flanges~~

~~extending from said shroud, said skirt resiliently engaging~~ engages a cover of an electronic device when said connector is installed, said latch member locking the skirt to the cover and preventing removal of the skirt from the cover.

7. (original) An electrical connector in accordance with claim 1 wherein said shroud is configured to receive a plurality of spring loaded pin contacts.

8. (currently amended) An electrical connector for a low profile electronic device having an outer surface, said connector comprising:

a shroud ~~comprising opposed side walls~~ configured to retain a plurality of contact pins between opposed said side walls each having a top edge and a bottom edge, each of said side walls comprising a keying flange spaced from the top and bottom edges for installing said shroud to the outer surface; and

a skirt extending from ~~an end- said top edge of said opposed side walls of said shroud in a direction substantially parallel to said keying flange,~~ said skirt ~~resiliently~~ slidably engaging and locking the outer surface of the electronic device between the keying flanges and the skirt when said connector is installed, wherein the keying flanges are concealed within the electronic device and the skirt may not be removed.

9. (currently amended) An electrical connector in accordance with claim 8 wherein said skirt further comprises ~~a surface facing said shroud and~~ a latch member extending downwardly and away from said surface, said latch member being concealed when said connector is installed and preventing removal of the skirt from the device.

10. (currently amended) An electrical connector in accordance with claim 8 wherein said skirt comprises a latch member and said shroud extends along a longitudinal axis, said latch member being aligned on said skirt with said longitudinal axis.

11. (original) An electrical connector in accordance with claim 8 wherein each of said opposed side walls comprise a plurality of keying flanges, one of said opposed sides having a greater number of keying flanges than the other.

12. (currently amended) An electrical connector in accordance with claim 8 wherein said shroud comprises a longitudinal axis and a lateral axis, said skirt extending outward from said shroud in a direction of parallel to each of said longitudinal axis and said lateral axis.

13. (original) An electrical connector in accordance with claim 8 wherein said shroud is configured to receive a plurality of spring loaded pin contacts.

14. (original) An electrical connector in accordance with claim 8 wherein said shroud is configured to receive a mating plug.

15. (currently amended) An electrical device comprising:

a circuit board;

an outer cover extending over said circuit board, said cover comprising an opening therein, said opening having a keyed contour;

an interface connector comprising a shroud configured to be inserted through the opening in said outer cover, said shroud configured to receive a mating plug and having a plurality of keying flanges corresponding to said keyed contour when said shroud is inserted through said cover, and a skirt joined to a top edge of said shroud, said skirt extending outward from said cover and resting upon an outer surface of said cover when said shroud is inserted through said cover, said skirt and said flanges resiliently retaining and locking said cover therebetween to prevent removal of the connector from said cover, wherein said keying flanges are concealed beneath the cover; and

a plurality of spring loaded pins received in said shroud and in electrical contact with said circuit board.

16. (currently amended) An electrical device in accordance with claim 15 wherein said skirt further comprises a ~~surface facing said shroud and~~ a latch member extending ~~from said surface~~ beneath and concealed by said skirt when engaged to said cover, said latch member preventing sliding movement of said connector relative to said housing to release said keying flanges from said keyed contour.

17. (currently amended) An electrical device in accordance with claim 15 wherein said shroud extends along a longitudinal axis, shroud said skirt further comprising a latch member aligned on said skirt with said longitudinal axis.

18. (original) An electrical device in accordance with claim 15 wherein said shroud comprises opposed side walls, each of said side walls comprising a plurality of keying flanges, one of said opposed sides having a greater number of keying flanges than the other.

19. (original) An electrical device in accordance with claim 15 wherein said shroud comprises a longitudinal axis and a lateral axis, said skirt extending outward from said shroud in a direction of each of said longitudinal axis and said lateral axis.

20. (cancelled)